

Fig.1: Voice Quality Measurement According to Prior Art

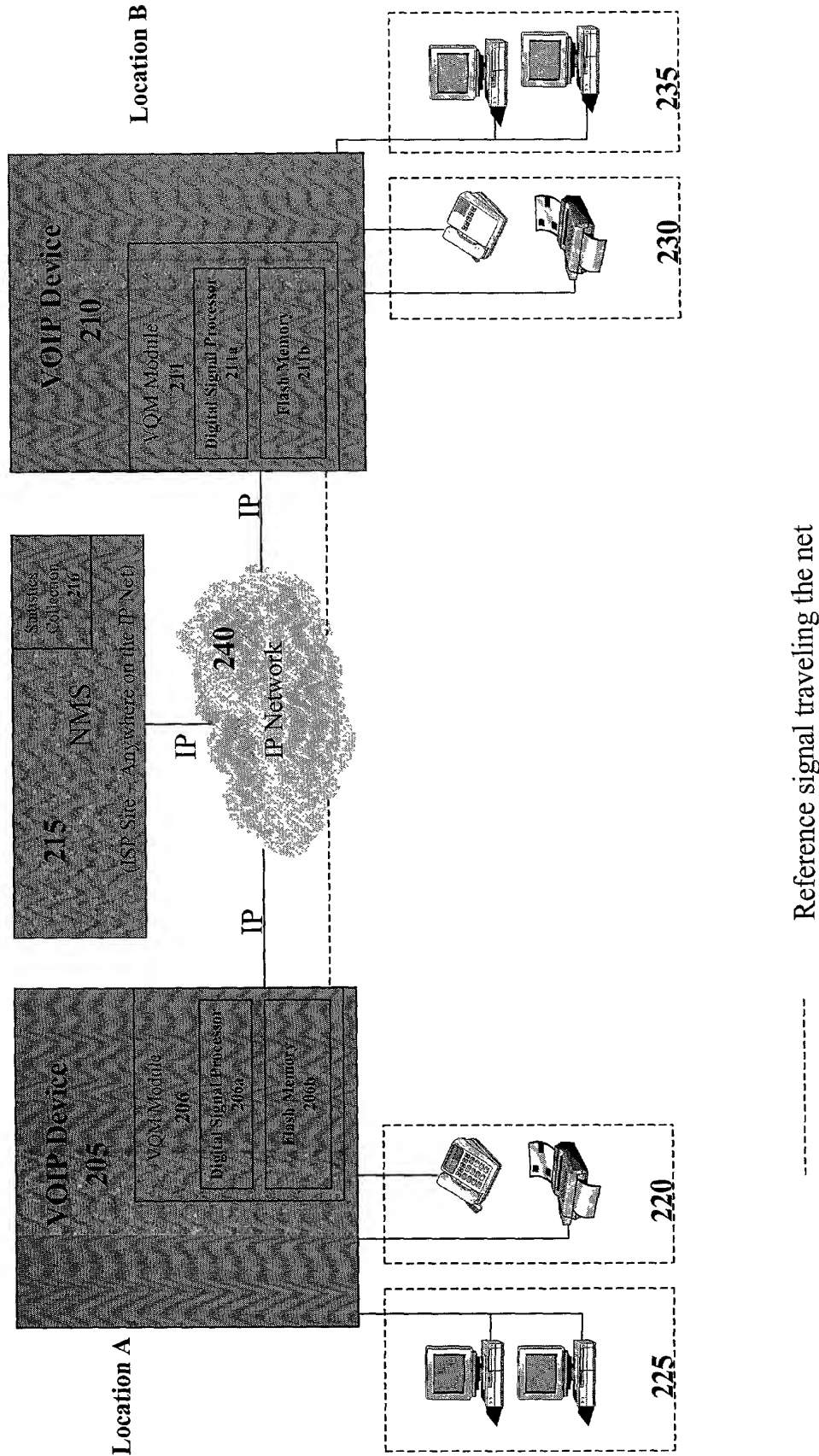


Fig. 2a : Voice Quality Measurement According to the Invention

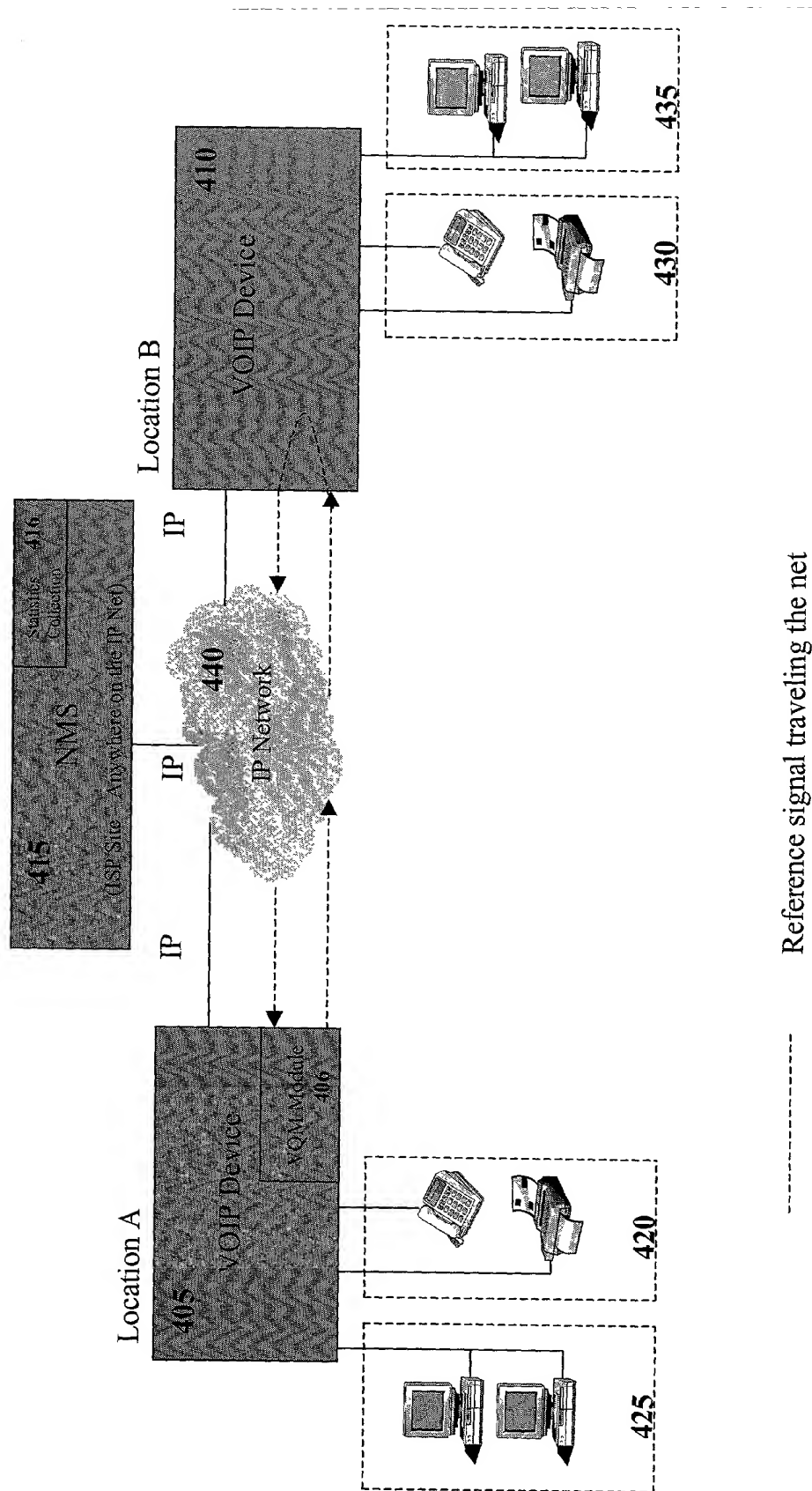


Fig. 2b : Voice Quality Measurement with Loopback According to the Invention

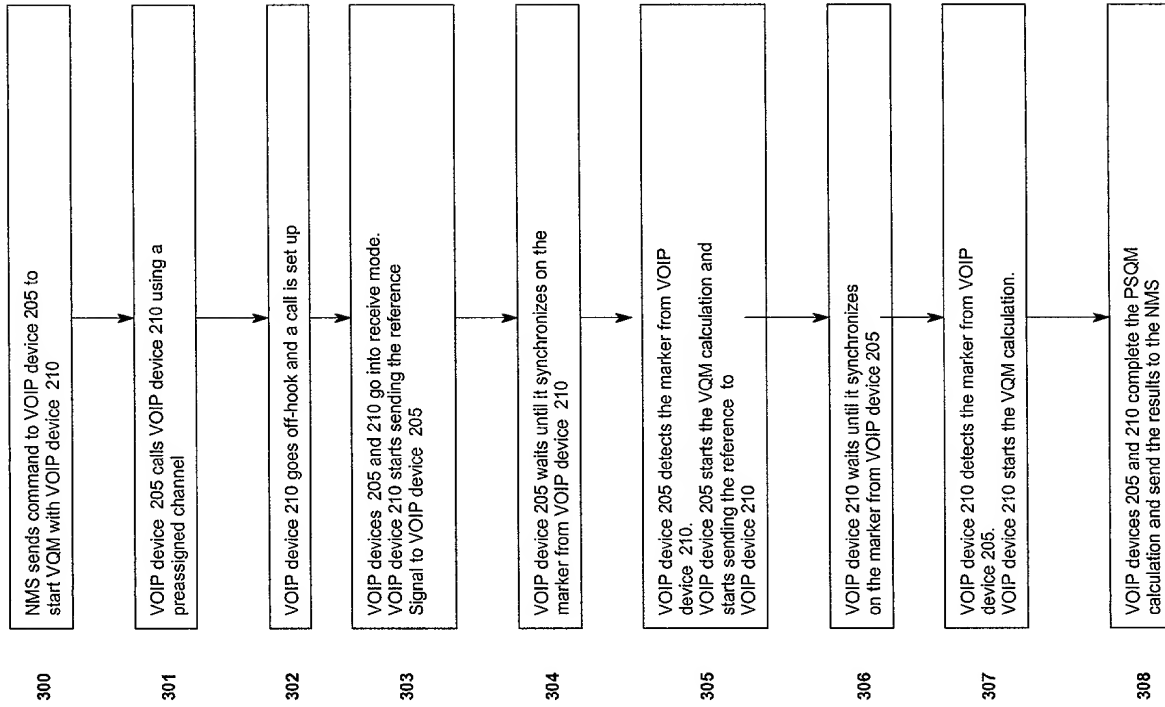


Fig. 3: Generation of Voice Quality Measurement

Figure 4a . Chirp Signal used as marker for Synchronization

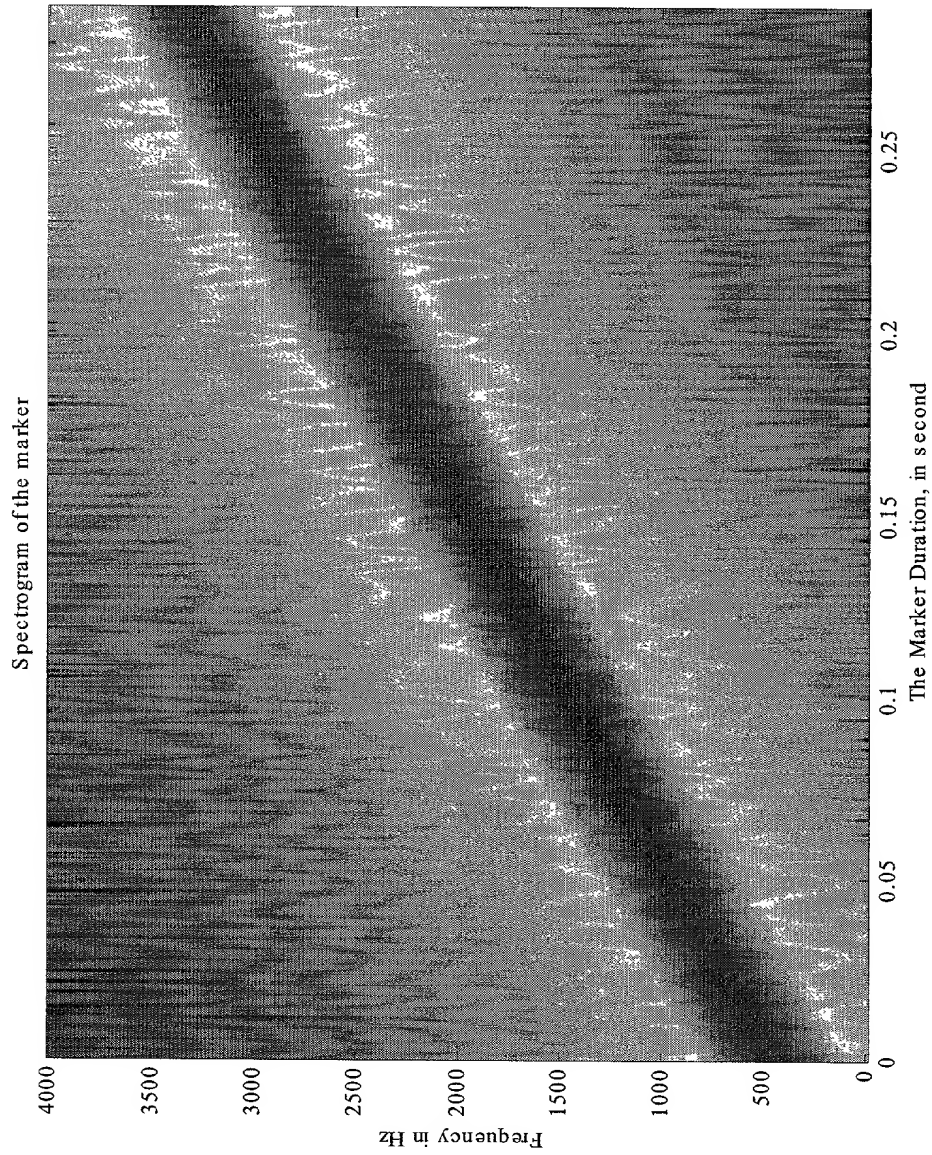


Fig. 4b. illustrates the marker used for synchronization and its relative position to the transmitted signal

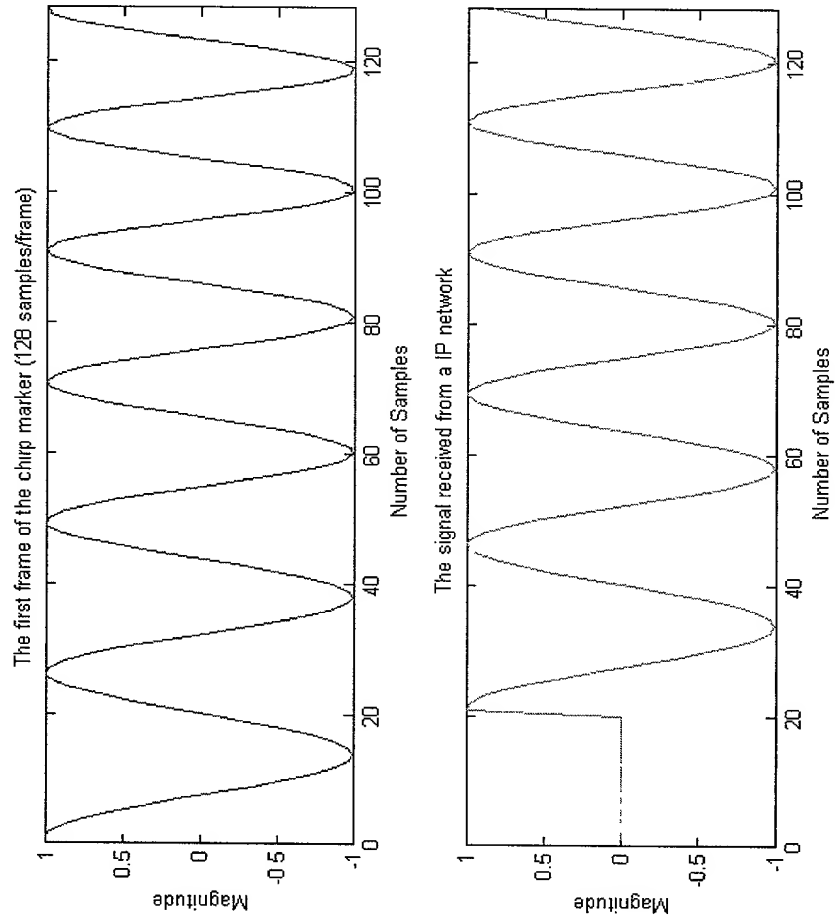
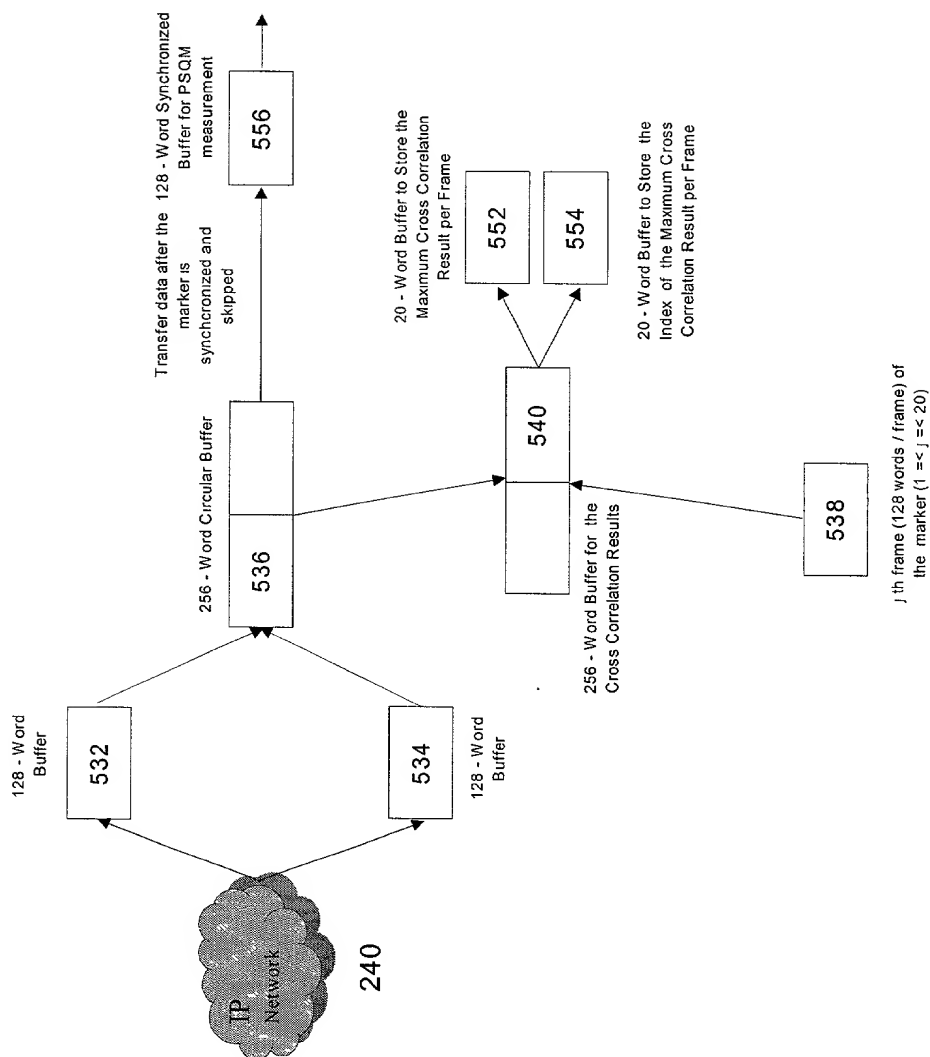


Fig. 5. illustrates the buffers involved in the process of estimating the Delay adjustment



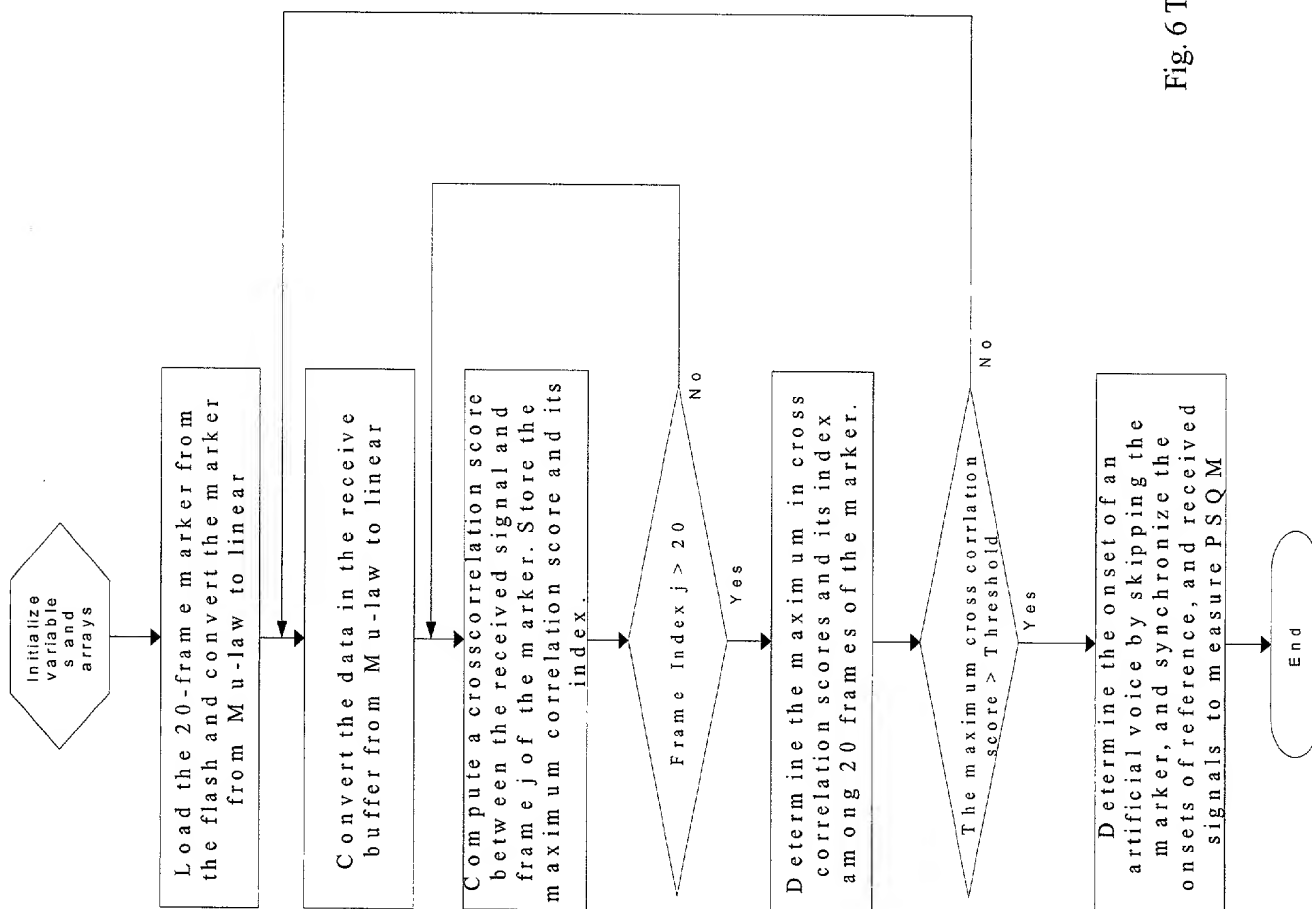


Fig. 6 Time Alignment Flowchart

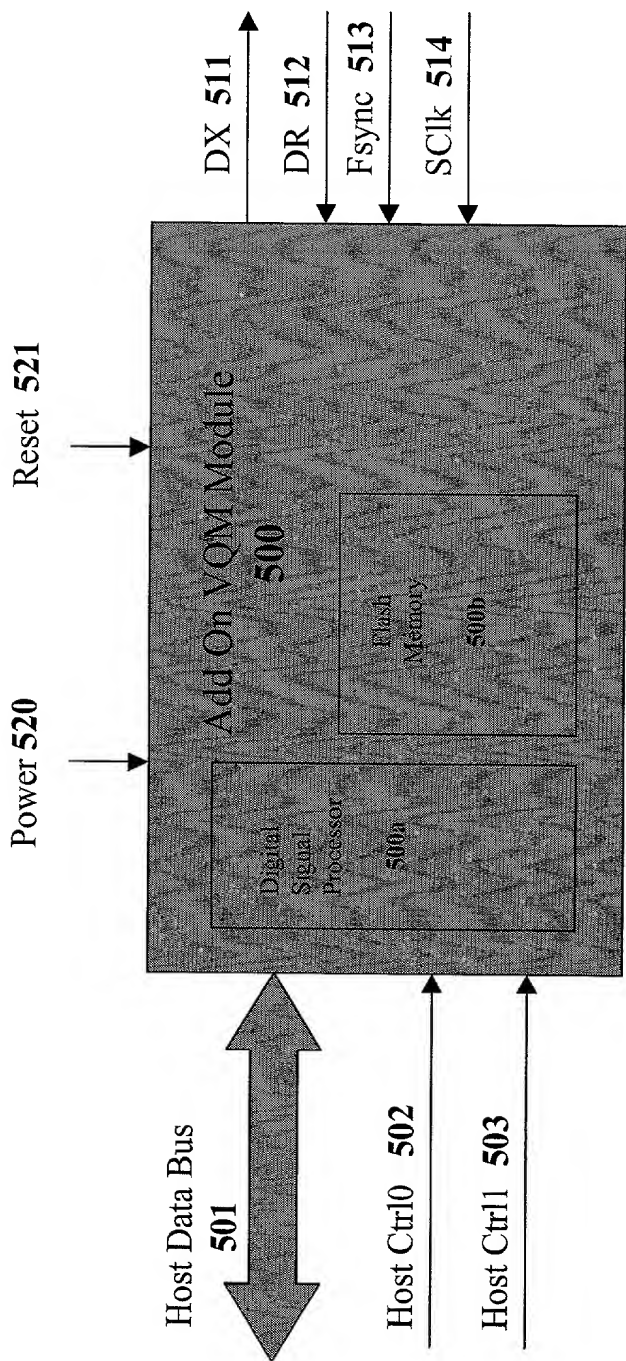


Fig. 7: Add-On Voice Quality Measurement Module According to the invention